Counting people with disabilities: A comparison of estimates in Census 2000 and the Census 2000 Supplementary Survey

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Overview

- Background.
- Population characteristics.
- Deconstruction of disability rate estimates by
 - Elements included in the disability status indicator.
 - Disability rates by survey and mode.
- Conclusions and suggestions for future research.

Terminology

- Census 2000 Supplementary Survey (C2SS) a national sample of housing units administered using the American Community Survey (ACS) methodology.
- Census 2000 Sample (Census 2000) A sample of approximately 1-in-6 households with data on detailed housing and population characteristics as collected on the long form.

Population 5 years and over living in housing units.

Approximately 254.6 million people.

12.1 percent - Hispanic or Latino.

11.8 percent - Black or African American, alone.

Median age was 37.

Census 2000

C2SS

19.2 % with a disability. 15.6 % with a disability.

Questionnaires





This is the official form for all the people at this address. It is quick and easy, and your answers are protected by law. Complete the Census and help your community get what it needs - today and in the future!

Start Here

Please use a black or

1 How many people were living or staying in this house, apartment, or mobile home on April 1, 2000?

Number of people

INCLUDE in this number:

- · foster children, roomers, or housemates
- people staying here on April 1, 2000 who have no other permanent place to stay
- · people living here most of the time while working, even if they have another place to live

DO NOT INCLUDE in this number:

- · college students living away while attending college
- people in a correctional facility, nursing home, or mental hospital on April 1, 2000 · Armed Forces personnel living somewhere else
- people who live or stay at another place most of the time

Please turn the page and print the names of all the people living or staying here on April 1, 2000.



If you need help completing this form, call 1-800-471-924 between 800 a.m. and 8000mm, I days a used. The releptone call is free.

100 - Teleptone diploy device for this hearing hipsaired. Call 1-800-582-8180 between 800 mm, and 800 pm., I days a week. The stephone call is free.

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1-000-471-8642 entre las 8000 a.m. y las 3000 p.m., 7 días a la semana, La llamada telefónica es gratis.

The Centuri Bureau estimates that, for the average household, this form will take about 38 mirrubes to complete, including the time for reviewing the instructions and answers. Comments about the astimates that did as derected to the Associate Director for Finance and Administration, Astin Paperwork Reduction Project 0607-056, Room 3104, Pederal Building 1, Bureau of the Censur, Washington, DC 20233.

Respondents are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget.



U.S. DEPARTMENT OF COMMERCE



People are our most important resource. This Census Bureau survey collects information about education, employment, income, and housing-information your



community uses to plan and fund programs. Your

response is important, and we keep your answers confidential.



If you need help or have questions about completing this form, please call 1-800-354-7271. The telephone call is free.

Telephone Device for the Deaf (TDD): Call 1–800–582–8330. The telephone call is free

INECESITA AYUDA? Si usted habla español y necesita ayuda para completar su cuestion. Ilame sin cargo alguno al 1-800-354-7271.

For more information about the American Community Survey, visit our web site at: http://www.census.gov/acs/www/

FORM ACS-1(2000)

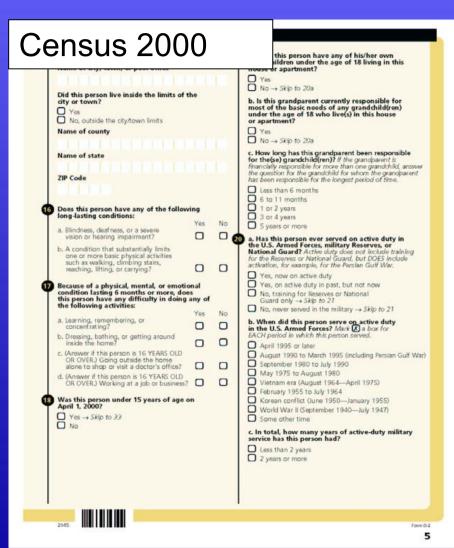
OMB No. 0607-0810 Approval Expires 10/31/2002

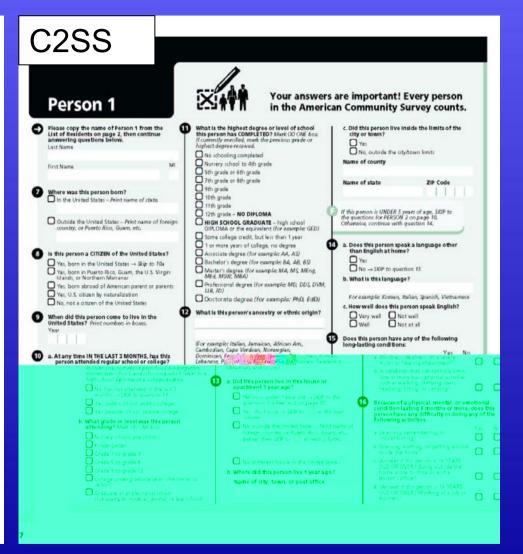
Start Here This form asks for three types of information: basic information about the people who are living or staying at the address on the mailing label above specific information about this house, apartment, or mobile more detailed information about each person living or staying Mhat is your name? Please PRINT the name of the person who s filling out this form. Include the telephone number so we can contact you if there is a question, and today's date. Eirst Name Date (Month/Day/Year) How many people are living or staying at this address? Number of people Please turn to the next page to continue

USCENSUSBUREAU

Form D-2

Mailback Questionnaires





Mailback Questionnaires - Disability Items

Census 2000

16	Does this person have any of the following long-lasting conditions:	ing				
		Yes	No			
-	a. Blindness, deafness, or a severe vision or hearing impairment?		0			
	 A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying? 	0	0			
T	Because of a physical, mental, or emotional condition lasting 6 months or more, does this person have any difficulty in doing any of the following activities:					
- 1		Yes	No			
-	 Learning, remembering, or concentrating? 		0			
-	 b. Dressing, bathing, or getting around inside the home? 	0	0			
	c. (Answer if this person is 16 YEARS OLD OR OVER.) Going outside the home alone to shop or visit a doctor's office?	0	0			
	d. (Answer if this person is 16 YEARS OLD OR OVER.) Working at a job or business?	0	0			

C2SS

Φ	Does this person have any of the foli long-lasting conditions:	owing			
	a. Blindness, deafness, or a severe vision or hearing impairment?	Yes	N∘ □		
	 b. A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying? 	О	0		
•	Because of a physical, mental, or emotional condition lasting 6 months or more, does this person have any difficulty in doing any of the following activities:				
	a. Learning, remembering, or concentrating?	Yes	No		
	 b. Dressing, bathing, or getting around inside the home? 		0		
	c. (Answer if this person is 16 YEARS OLD OR OVER.) Going outside the home alone to shop or visit a doctor's office?	۵	0		
	d. (Answer if this person is 16 YEARS OLD OR OVER.) Working at a job or business?	0	0		

Census 2000 Enumerator Questionnaire

	Person 1 (continued)		
13.	Where (were you/was) born? ☐ In the United States – Print name of state.	17b.	A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying?
			Yes No
	Outside the United States - Print name of foreign country, or Puerto Rico, Guam, etc.	18.	Because of a physical, mental, or emotional condition lasting 6 months or more, (do you/does) have any difficulty in doing any of the following activities:
		18a.	Learning, remembering, or concentrating?
14.	(Are you/Is) a CITIZEN of the United States?		Yes No
	Yes, born in the United States → Skip to 16a Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or	18b.	Dressing, bathing, or getting around inside the home?
	Northern Marianas		Yes No
	Yes, born abroad of American parent or parents Yes, U.S. citizen by naturalization No, not a citizen of the United States	18c.	ASK If this person is 16 YEARS OLD OR OVER. Going outside the home alone to shop or visit a doctor's office?
15.	What year did (you') come to live in the United States?		Yes No
	Year	18d	ASK If this person is 16 YEARS OLD OR OVER.
	5.2 E S		Working at a job or business?
162	Did (year) A live in this (house/amortment)		Yes No
Ioa.	Did (you/) live in this (house/apartment) 5 years ago (on April 1, 1995)? ☐ Person is under 5 years old → Skip to 34	19.	INTERVIEWER INSTRUCTION – Refer to question 4 on page 3 to mark a response box below.
	Yes, this house Skip to 17		Born on or before April 1, 1985 or at least age 15 by April 1, 2000 – Ask 20a
	No, outside the United States - Print name of foreign country, or Puerto Rico, Guam, etc. below; then skip to 17.		☐ Born after April 1, 1985 → Skip to 34
			If question 4 is blank, ASK – (Were you/Was) under 15 years of age on April 1, 2000?
	■ No, different house in the United States		☐ Yes → Skip to 34 ☐ No – Ask 20a
16b.	Where did (you/) live 5 years ago?	20-	
	Name of city, town, or post office?	20a.	(Do you/Does) have any of (your/his/her) own grandchildren under the age of 18 living in this (house/apartment)?
	Building Albertack the Best of the Land		Yes No → Skip to 21a
	Did (you/) live inside the limits of that city or town? Yes No, outside the city/town limits Name of county?	20b.	(Are youls) currently responsible for most of the basic needs of any grandchild(ren) under the age of 18 who live(s) in this (house/apartment)?
			☐ Yes ☐ No → Skip to 21a
	Name of state?	20c.	How long (have you/has) been responsible for
			the(se) grandchild(ren)? If more than one grandchild lives with (you), answer the question for the grandchild for whom (you have has) been financiall
	What was the ZIP Code?		responsible for the longest period of time.
			Less than 6 months 6 to 11 months
4.7			1 or 2 years
17.	(Do you/Does) have any of the following long-lasting conditions:		3 or 4 years
17a.	Blindness, deafness, or a severe vision or hearing impairment?		S years or more
	☐ Yes ☐ No		
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Enumerator Questionnaire – Person 1

- 17. (Do you/Does . . .) have any of the following long-lasting conditions:
- 17a. Blindness, deafness, or a severe vision or hearing impairment?
 - ☐ Yes ☐ No

17b.	A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying?
	Yes No
18.	Because of a physical, mental, or emotional condition lasting 6 months or more, (do you/does) have any difficulty in doing any of the following activities:
18a.	Learning, remembering, or concentrating?
	Yes No
18b.	Dressing, bathing, or getting around inside the home?
	☐ Yes ☐ No
18c.	ASK if this person is 16 YEARS OLD OR OVER. Going outside the home alone to shop or visit a

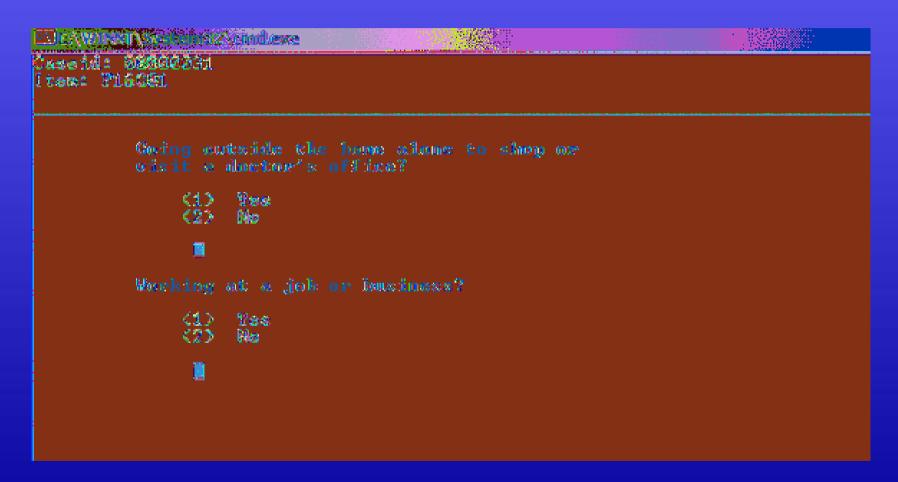
C2SS CATI/CAPI - Screen 1

C:\WINNT\System32\cmd.exe _ B > Caseid: 00000031 Item: P15@a I am now going to ask some questions about long-lasting conditions... Do you have any blindness, deafness, or a severe vision or hearing impairment? (1) Yes (2) No Any condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying? (1) Yes (2) No

C2SS CATI/CAPI - Screen 2



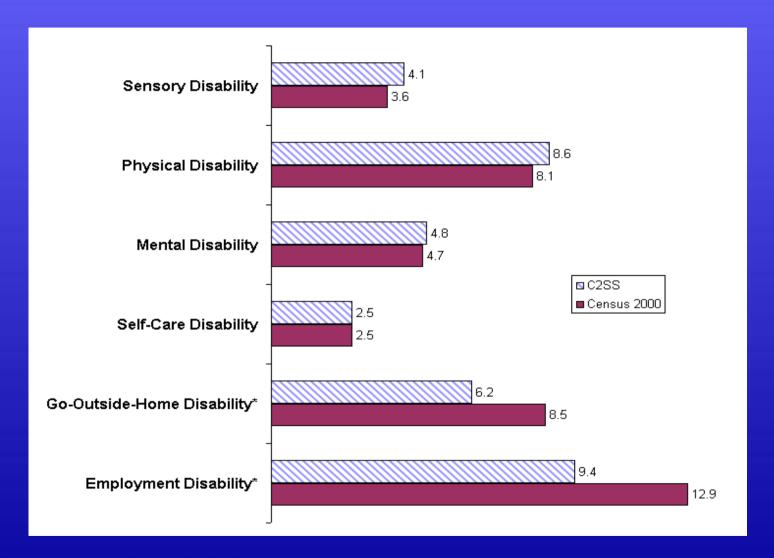
C2SS CATI/CAPI - Screen 3



Possible effects of question presentation

- Respondents forget the context.
- Long lead-ins include too many complicated elements.
- Respondents misunderstand the skip instructions.
- Enumerators/interviewers misplace the emphasis when asking the questions.

Disability Rates by Survey



Proportion of the population by mode

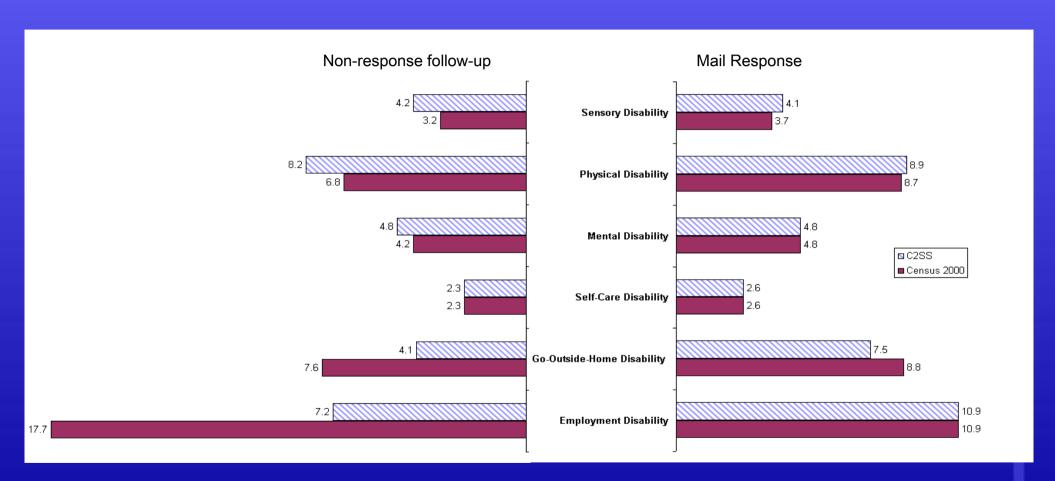
Census 2000

- Mail-response = 71%
- Enumerator response = 29%

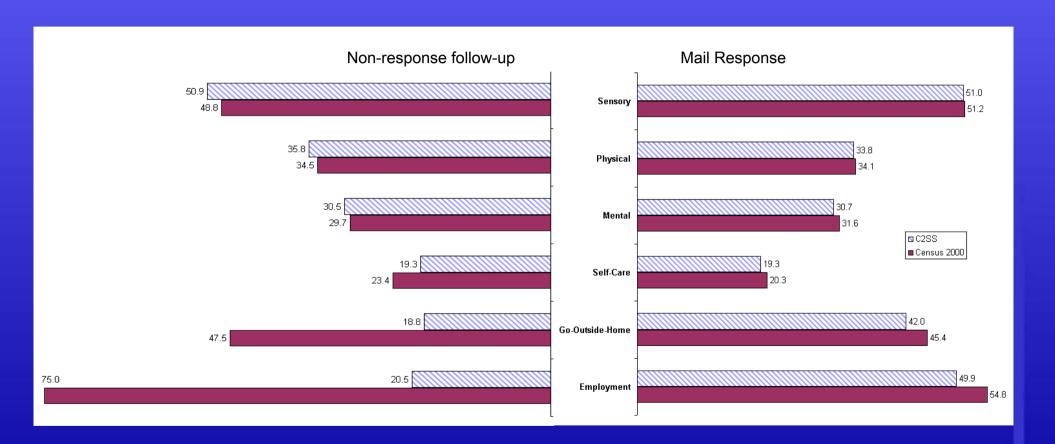
C2SS

- Mail-response = 59%
- Interviewer response= 41%

Disability Rates by Survey and Mode



Employment Rates by Type of Disability by Survey and Mode (People 21-64 Years Old)



Conclusions

- Divergent disability rates demonstrate sensitivity in measurement.
- Sensory, physical, mental, and self-care disability has similar prevalence.
- People may have misunderstood the skip instructions on the paper forms.
- High employment disability and employment rates for people with an employment disability suggest possible problem with Census 2000 enumerator interview and instrument.
- More research needed.

Future Research

- Analysis of data available now.
 - ACS sites.
 - ACS 2001, 2002.
- Testing and validating of new questions optimized for the data collection mode.
- ACS 2003

ACS 2003 Questionnaire

Does this person have any of the follong-lasting conditions:	llowing	
	Yes	No
a. Blindness, deafness, or a severe vision or hearing impairment?	0	0
b. A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying?	0	0

G	Answer question 17 ONLY IF this perso 15 years old or over. Otherwise, SKIP to questions for PERSON 2 on page 10.			
Ø	Because of a physical, mental, or emotional condition lasting 6 months or more, does this person have any difficulty in doing any of the following activities:			
	a. Going outside the home alone to	Yes	No	
	shop or visit a doctor's office?			
	b. Working at a job or business?			

Thank you

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